

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	HANNA BARSUKOVA		
Address(es)	Illinska Str., 40, apt. 25, 40009, Sumy, Ukraine		
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Fax(es)			
E-mail	hanna.barsukova@snau.edu.ua		
Nationality	Ukrainian		
Date of birth	02.03.1983		
Gender	female		

Current employment / Occupational field

**Associate Professor of the Department of Energy and Electrical Engineering,
Sumy National Agrarian University;
Ph.D., Associate Professor of the Department of Energy and Electrical
Engineering, Engineering and Technology Faculty, Sumy National Agrarian
University**

Work experience

Dates	09.2022 till now
Occupation or position held	Associate Professor (09.2022 till now) at the Engineering and Technology Faculty
Main activities and responsibilities	Teaching and scientific activities in the sphere of energy and ecology in agriculture
Name and address of employer	Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40021, Ukraine
Type of business or sector	Higher Educational Institution (Agricultural Sector)
Dates	09.2020-08.2022
Occupation or position held	Senior Lecturer (09.2020-08.2022) at the Engineering and Technology Faculty
Main activities and responsibilities	Teaching and scientific activities in the sphere of energy and ecology in agriculture
Name and address of employer	Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40021, Ukraine
Type of business or sector	Higher Educational Institution (Agricultural Sector)
Dates	04.2018-08.2020
Occupation or position held	Assistant (04.2018-31.08.20) at the Engineering and Technology Faculty
Main activities and responsibilities	Teaching and scientific activities in the sphere of energy and ecology in agriculture
Name and address of employer	Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40021, Ukraine
Type of business or sector	Higher Educational Institution (Agricultural Sector)
Dates	08.2005 till now

Occupation or position held	Junior Researcher (08.2005 – 12.2005); Head of Scientific Department of Complex Mineral Fertilizers (09.2017 – 12.2017) at the Scientific and Research institute of mineral fertilizers and pigments
Main activities and responsibilities	Scientific and research activities in the field of obtaining new types of mineral fertilizers
Name and address of employer	Sumy Scientific and Research institute of mineral fertilizers and pigments, Sumy, 40012, Ukraine
Type of business or sector	Scientific and Research institute (industrial sector)

Education and training

Dates	09.2000-06.2005
Title of qualification awarded	MSc in Ecology and Environmental Protection
Principal subjects/occupational skills covered	Protection of the environment
Name and type of organisation providing education and training	Sumy State University, Ukraine
Level in national or international classification	Dipl. Ing. (University)
Dates	07.2017
Title of qualification awarded	Candidate of Technical Sciences
Principal subjects/occupational skills covered	Ecological safety
Name and type of organisation providing education and training	Sumy State University, Ukraine
Level in national or international classification	PhD in Technical Sciences
Dates	09.2019-12.2020
Title of qualification awarded	MSc in Electrical energetics, electrical Engineering and Electromechanics
Principal subjects/occupational skills covered	Study of the influence of physical and chemical factors on the improvement of production processes in agriculture.
Name and type of organisation providing education and training	Sumy National Agrarian University, Ukraine
Level in national or international classification	Dipl. Ing. (University)

Personal skills and competences

Mother tongue(s) Ukrainian

Other language(s) English B 2; Reference № 500/1926/0, 05/07/2023

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Upper-Intermediate	B2	Upper-Intermediate	B2	Upper-Intermediate	B2	Upper-Intermediate	B2	Upper-Intermediate

Social skills and competences I have experience working in a team within international educational and scientific projects.

Organisational skills and competences I was responsible for organizing scientific exhibitions.

Computer skills and competences	Is fluent in computer. The competent with most programs.
Artistic skills and competences	
Driving licence	
Additional information:	
Scientific Research Topic and Publications	<ol style="list-style-type: none"> 1. Barsukova H. Reduction of man-caused load on the environment due to the technical solution for the disposal of iron sulphate / H. Barsukova, M. Savchenko-Pererva // Journal of Chemistry and Technologies. – 2020. – 28(2). – P. 168–176. (Scopus). 2. Barsukova H. Development of technology for obtaining mixed coagulant from the main waste of titanium production / H. Barsukova, M. Savchenko-Pererva // Journal of Chemistry and Technologies. – 2020. – 28(3). – P. 289–297. (Scopus). 3. Yurchenko O. Using a frequency converter is an effective and convenient way to control the speed of the pump unit / O. Yurchenko, H. Barsukova // Bulletin of Sumy National Agrarian University: Series «Mechanization and automation of production processes». - 2021. – Issue. 3 (45). – P. 57–63. (professional Edition). 4. Savchenko-Pererva M. Determination of heat losses in public premises with development of algorithm for implementation of the energy saving measures / Savchenko-Pererva M., Radchuk O., Rozhkova L., Savoiskyi O. // Eastern-European Journal of Enterprise Technologies, 6 (4 (114)). Kharkiv. – 2021. – P. 48–59. (Scopus). 5. Yurchenko O. Determination of wind turbine blade model for regions with low wind speeds / O. Yurchenko, O. Radchuk, H. Barsukova, M. Savchenko-Pererva, O. Ivchenko, V. Kolodnenko, D. Fesenko // Eastern-European Journal of Enterprise Technologies, 2 (8 (122) Kharkiv. – 2023. – P. 44–52. https://doi.org/10.15587/1729-4061.2023.277896. (Scopus). 6. Yurchenko O. Using a frequency converter is an effective and convenient way to control the speed of the pump unit / O. Yurchenko, H. Barsukova // Bulletin of Sumy National Agrarian University: Series «Mechanization and automation of production processes». - 2021. – Issue. 3 (45). – P. 57–63. 7. Yurchenko O. Development of wind turbine blades for areas with low wind speed / O. Yurchenko, H. Barsukova, H. Tymoshenko // Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes" - 2022. - Issue. 2 (47). – pp. 94–100. 8. Yurchenko O. The process of battery recovery using a comprehensive approach / O. Yurchenko, H. Barsukova // Scientific Bulletin of the Tavri State Agro-Technological University: electronic scientific specialist edition / TDATU; Goal. ed. Ph.D., prof. V. M. Kyurchev. – Melitopol: TDATU, 2023. – Issue 13 (1). – pp. 390–401. 9. Yurchenko O. The use of a pulsed electric field as a method of improving seed quality indicators / O. Yurchenko, H. Barsukova // Scientific Bulletin of the Tavri State Agro-Technological University: electronic scientific specialist edition / TDATU; Goal. ed. Ph.D., prof. V. M. Kyurchev. – Melitopol: TDATU, 2023. – Issue 13 (1). – pp. 466–475. 10. Yurchenko O. Finding the place of damage to the winding of electrical power equipment according to the change in operating temperature / O. Yurchenko, H. Barsukova, A. Chepizhnyi, V. Zubko, H. Tymoshenko // Proceedings of the Dmytro Motornyi Tavri State Agro-Technological University. – Melitopol: TDATU, 2023. – Issue 23 (2). - pp. 167–176. 11. Barsukova H. Advantages and disadvantages of using solar panels for indoor lighting / H. Barsukova // Materials of the V International scientific and practical conference "Technical support of innovative technologies in the agro-industrial complex" (November 1-24, 2023) - Zaporizhzhia, 2023. - P. 299-301.
Projects Experience:	
Annexes	